



Certificate of Compliance

Certificate: 1526688

Master Contract: 205078

Project: 80046629

Date Issued: 2020-06-19

Issued To: Analog Devices Inc.
804 Woburn St
Wilmington, Massachusetts, 01887-3462
United States

Attention: Mark Cantrell

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲



Issued by: *Martin Buchanan*
Martin Buchanan, P. Eng.

PRODUCTS

CLASS - C907330 - ELECTRONIC COMPONENTS Optoisolators and non-optical isolating devices

Component Acceptance of Optoisolator Like Devices:

Device (SOIC 8N R package)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM1200yRZ ADuM1201yRZ ADuM1210yRZ ADuM3200yRZ ADuM3201yRZ ADuM3210yRZ ADuM3211yRZ	2.5	105	CSA 14-18 Tbl 35, 6.2.1.1, 6.2.1.1/6.2.10, 6.8.1.1 60950-1-07+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 4.5.8, 5.4.9.1, 4.1.2 61010-1-12+A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10	-	-	4.0
ADuM1200WyRZ ADuM1201WyRZ	2.5	125	IEC			



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Device (SOIC 8N R package)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM1210WyRZ ADuM3200WyRZ ADuM3201WyRZ ADuM3210WyRZ ADuM3211WyRZ			60950-1 2nd Ed.,+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 4.5.8, 5.4.9.1, 4.1.2 61010-1 3 rd Ed K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10 EN 60950-1:2006+A1+A12+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1:2014/A11:2017 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2			

where W, if used, indicates 125C rating, y may be A, B, C, S, T, or U differentiating devices with different performance grades. Z, if used, indicates the lead-free version. Suffix EP at the end of the base part number indicates lower extended temperature capability to -55C with a NiPdAu lead finish. Further suffix letters or digits differentiate shipping package formats.

Notes:

1. These devices meet basic insulation requirements for 400Vrms for CSA 60950-1-07+A1+A2, EN 60950-1:2006+A1+A12+A2, IEC 60950-1 2nd Ed.+A1+A2, CSA 62368-1-14, EN 62368-1:2014/A11:2017 and IEC 62368-1 2nd Ed. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 148Vrms for CSA 60950-1-07+A1+A2, EN 60950-1:2006+A1+A12+A2, IEC 60950-1 2nd Ed.+A1+A2 (pollution degree 2, material group III)
3. These devices meet reinforced insulation requirements for 150Vrms for CSA 62368-1-14, EN 62368-1:2014/A11:2017 and IEC 62368-1 2nd Ed. (pollution degree 2, material group III)
4. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed.+A1 the devices meet clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10, based on 61010-1 Cl 14.1 a) for use in 61010-1 end products for 300Vrms for basic insulation and 150Vrms for reinforced insulation based on 61010-1 Cl 14.1 a) because they meet the requirements of the 62368-1 evaluation. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
5. Case material: Multiple mold compounds have been evaluated. All meet at least material group II.
6. Evaluated by thermal cycling and other tests.
7. The creepage and clearance has been evaluated for altitudes ≤ 2000m, in pollution degree 2 and overvoltage category II except where specified above. (pollution degree 2, material group III).

These devices are Component Accepted as components for use in other Certified equipment where the suitability of the combination shall be determined by investigation in the final application.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 14-18 - Industrial Control Equipment



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CAN/CSA-C22.2 No 60950-1-07+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)

CAN/CSA-C22.2 No. 62368-1-14 - Audio/video, information and communication technology equipment– Part 1: Safety requirements

IEC 60950-1 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements

IEC 62368-1:2014 Ed. 2 - Audio/video, information and communication technology equipment– Part 1: Safety requirements

EN 60950-1:2006+A1+A12+A2 - Information Technology Equipment - Safety - Part 1: General Requirements

EN 62368-1:2014/A11:2017 - Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

Clauses 6.7.1.3, 6.7.2.1 or K.1 to K.4, 6.7.2.2.1, 6.7.2.2.2 or tbK.9, A.17, tbK.5x1.6, K.6x1.6, K.7x1.6, 10 of

CAN/CSA C22.2 No. 61010-1-12, UPD1: 2015, UPD2: 2016, AMD1: 2018 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements (Tri-national standard, with UL 61010-1 Ed. 3 (2012), AMD1: 2018 and ANSI/ISA-61010-1 (82.02.01))

and

IEC 61010-1:2010 Ed. 3.1:2017 01 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80046629	2020-06-19	update to markings description for submittor's identification on the component
80006712	2019-10-28	Update for reduced spacing lead frame with EME-G700LY and inclusion of 62368-1
000070044742	2016-06-10	Update for alternative mould compound and leadframe
0002449791	2011-08-17	Addition of ADuM3211
0002094946	2008-10-29	Addition of W models, 125C, Re evaluation using new data sheet rev. G
0001898388	2007-05-30	Addition of functional insulation evaluation for 800Vrms
0001709834	2005-09-16	Addition of Models ADuM3200yRZ, ADuM3201yRZ and ADuM3210yRZ
0001633309	2005-02-08	Addition of ADuM1210 to 1526688
0001526688	2004-04-13	Original Certification